

ABSTRACT

A hub unit for wheel is described, with an outer ring having two bearing tracks on its inner circumferential surface, and a hub having a wheel mount flange on the outer end side and an end portion on the axially vehicle center side. The hub has a first bearing track corresponding to the axially vehicle outer end side bearing track of the outer ring, and an inner ring element fitted on the end portion side of the hub. The inner ring element has on its outer circumference a second bearing track opposed to the axially vehicle center side bearing track of the outer ring, and is fixed on the end portion by plastically deforming the end portion of the hub radially outwardly. Rolling members are provided between the two bearing tracks of the outer ring and the first and second bearing tracks.